

15 May 1957

MEMORANDUM FOR MR. BISSELL

SUBJECT: Dual Regulators

1. Evaluation of the dual regulator system by WADC and proposed and manufactured by LAC revealed the following:

a. The system tested is safe.

b. It is doubtful that it is more reliable or safer than the single regulator system.

2. I told [REDACTED] that I would recommend the following to you:

a. That we continue to use the single regulator system.

b. That if LAC indicates to us that because of the extra hazardous nature of their work, and because of the psychological or morale problem among their pilots, and fully recognizing the reservations that we have they nevertheless desire to use the dual regulator that we not oppose them.

3. Incidentally, the dual regulator system utilizes three additional valves and at least three additional hoses and six fittings. On two of the three kits tested the selector valve would not operate until readjusted by WADC.

4. The joint project office and the testing laboratory concur in the recommendations above.

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cc: [REDACTED]

Col. Geary

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[REDACTED]

SECRET